Listing of the claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (Currently Amended). A circuit for controlling arc energy from an electrosurgical generator, said circuit comprising:

means for receiving an output current generated by the electrosurgical generator; and

a diode-resistor block electrically connected to said means for receiving the output current, said diode-resistor block ~~for~~ limiting configured to limit the amount of output current for at least one half cycle of the output current; said diode-resistor block including a pair of diodes biased opposite from each other and configured to split the output current into two paths, each of the two paths including one of a resistor and a potentiometer in series with a respective diode of the pair of diodes.

Claim 2 (Original). A current according to Claim 1, wherein said diode-resistor block is connected in series to said means for receiving the output current.

Claim 3 (Original). A circuit according to Claim 1, wherein said diode-resistor block is connected in parallel with said means for receiving the output current.

Claim 4 (Canceled).

Claim 5 (Canceled).

Claim 6 (Original). A circuit according to Claim 1, further comprising a resistor in series with said diode-resistor block.

Claim 7 (Original). A circuit according to Claim 1, further comprising a resistor in parallel with said diode-resistor block.

Claim 8 (Currently Amended). An electrosurgical generator for controlling the amount of energy delivered to a patient during electrosurgery on a per arc basis, the electrosurgical generator comprising:

a circuit including:

means for receiving an output current generated by the electrosurgical generator; and

means for limiting the amount of output current for at least one half cycle of the output current; said means for limiting the amount of output current for at least one half cycle of the output current including a pair of diodes biased opposite from each other for splitting the output current into two paths, each of the two paths including one of a resistor and a potentiometer in series with a respective diode of the pair of diodes.

Claim 9 (Original). An electrosurgical generator according to Claim 8, wherein said means for limiting the amount of output current for at least one half cycle of

the output current includes a diode-resistor block in series with said means for receiving the output current.

Claim 10 (Original). An electrosurgical generator according to Claim 8, wherein said means for limiting the amount of output current for at least one half cycle of the output current includes a diode-resistor block in parallel with said means for receiving the output current.

Claim 11 (Canceled).

Claim 12 (Canceled).

Claim 13 (Original). An electrosurgical generator according to Claim 8, further comprising a resistor in series with said means for limiting the amount of output current for at least one half cycle of the output current.

Claim 14 (Original). An electrosurgical generator according to Claim 8, further comprising a resistor in parallel with said means for limiting the amount of output current for at least one half cycle of the output current.

Claim 15 (Currently Amended). A method for controlling arc energy from an electrosurgical generator, said method comprising the steps of:

receiving an output current generated by the electrosurgical generator; and

limiting the amount of output current for at least one half cycle of the output current by splitting the output current into two paths using a pair of diodes biased opposite from each other and providing in each of the two paths one of a resistor and a potentiometer in series with a respective diode of the pair of diodes.

Claim 16 (Original). A method according to Claim 15, wherein said step for limiting the amount of output current for at least one half cycle of the output current comprises the step of providing a diode-resistor block in series with the output current.

Claim 17 (Original). A method according to Claim 15, wherein said step for limiting the amount of output current for at least one half cycle of the output current comprises the step of providing a diode-resistor block in parallel with the output current.

Claim 18 (Canceled).

Claim 19 (Canceled).

Claim 20 (Currently Amended). A method according to Claim ~~19~~ 15, further comprising the step of varying the resistive value for one of the resistor and the potentiometer.

Claim 21 (New). A circuit for controlling arc energy from an electrosurgical generator, said circuit comprising:

means for receiving an output current generated by the electrosurgical generator;

a diode-resistor block electrically connected to said means for receiving the output current, said diode-resistor block limiting configured to limit the amount of output current for at least one half cycle of the output current; and

a resistor in series with said diode-resistor block.

Claim 22 (New). A circuit for controlling arc energy from an electrosurgical generator, said circuit comprising:

means for receiving an output current generated by the electrosurgical generator;

a diode-resistor block electrically connected to said means for receiving the output current, said diode-resistor block limiting configured to limit the amount of output current for at least one half cycle of the output current; and

a resistor in parallel with said diode-resistor block.